

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN021821\
 Data File : BN013667.D
 Acq On : 18 Feb 2021 12:18
 Operator : CG/JU
 Sample : M1432-01
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 GWBR2-120-128-021521

Quant Time: Feb 18 12:47:16 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN020821.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Feb 18 10:50:10 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

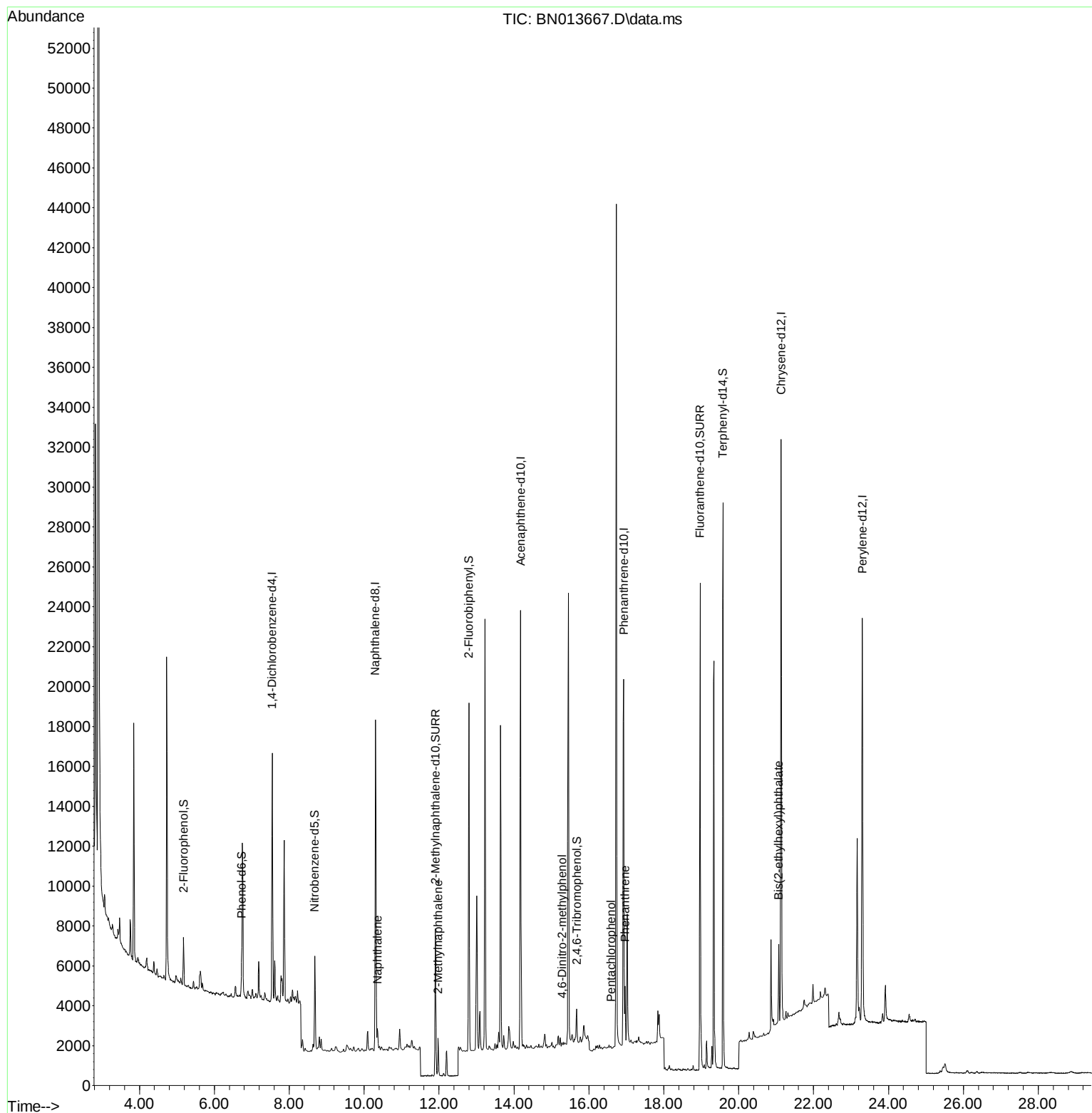
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.547	152	5685	0.40	ng	0.00
7) Naphthalene-d8	10.302	136	22509	0.40	ng	0.00
13) Acenaphthene-d10	14.181	164	12614	0.40	ng	0.00
19) Phenanthrene-d10	16.934	188	27439	0.40	ng	# 0.00
29) Chrysene-d12	21.133	240	27402	0.40	ng	0.00
36) Perylene-d12	23.301	264	25020	0.40	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.179	112	1929	0.16	ng	0.00
5) Phenol-d6	6.726	99	1403	0.09	ng	0.00
8) Nitrobenzene-d5	8.680	82	3804	0.30	ng	0.00
11) 2-Methylnaphthalene-d10	11.902	152	10143	0.29	ng	0.00
14) 2,4,6-Tribromophenol	15.678	330	1252	0.35	ng	0.00
15) 2-Fluorobiphenyl	12.798	172	15132	0.32	ng	0.00
27) Fluoranthene-d10	18.970	212	27593	0.37	ng	0.00
31) Terphenyl-d14	19.580	244	27555	0.45	ng	0.00
Target Compounds						Qvalue
9) Naphthalene	10.353	128	1132	0.02	ng	# 84
12) 2-Methylnaphthalene	11.977	142	1356	0.04	ng	95
20) 4,6-Dinitro-2-methylph...	15.285	198	23	0.16	ng	# 1
24) Pentachlorophenol	16.593	266	55	0.21	ng	94
25) Phenanthrene	16.970	178	2849	0.04	ng	# 96
34) Bis(2-ethylhexyl)phtha...	21.069	149	3531	0.16	ng	99

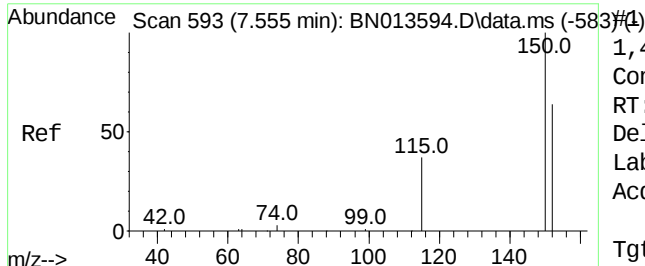
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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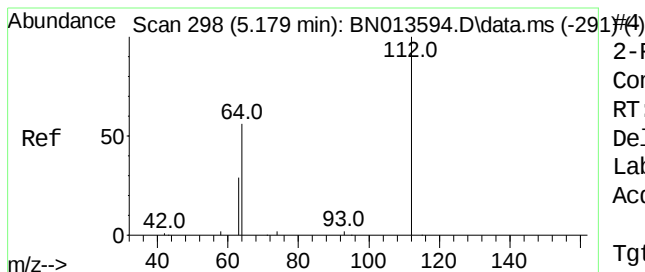
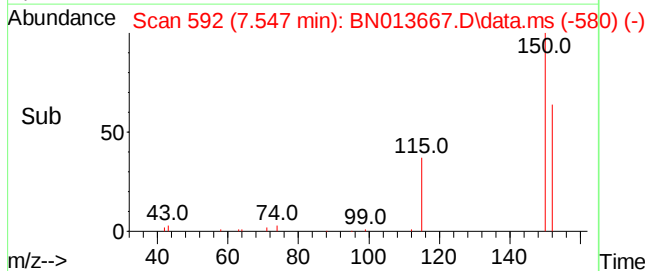
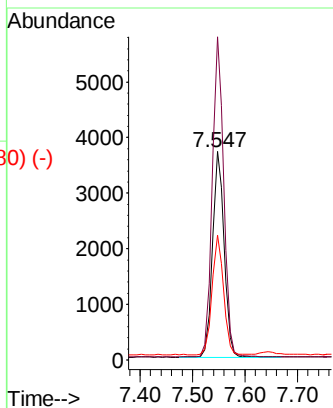
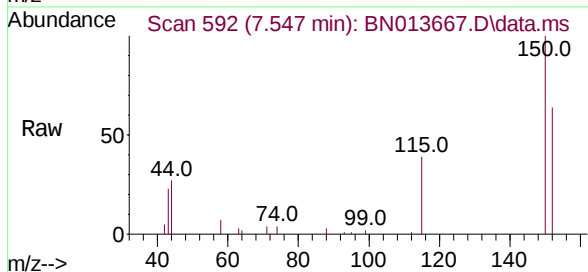




1,4-Dichlorobenzene-d4
 Concen: 0.40 ng
 RT: 7.547 min Scan# 592
 Delta R.T. 0.000 min
 Lab File: BN013667.D
 Acq: 18 Feb 2021 12:18

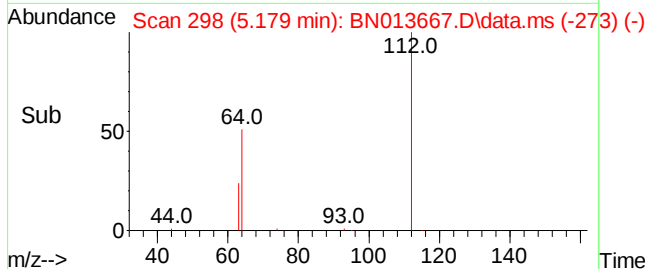
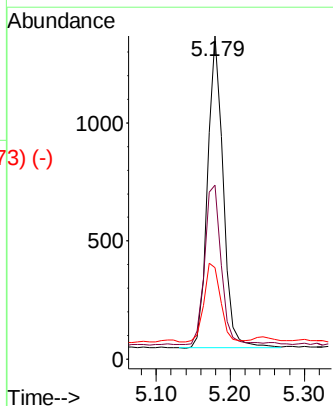
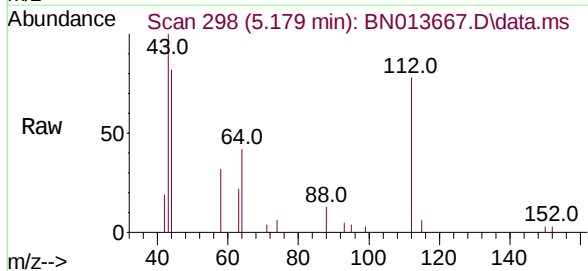
Instrument :
 BNA_N
 ClientSampleId :
 GWBR2-120-128-021521

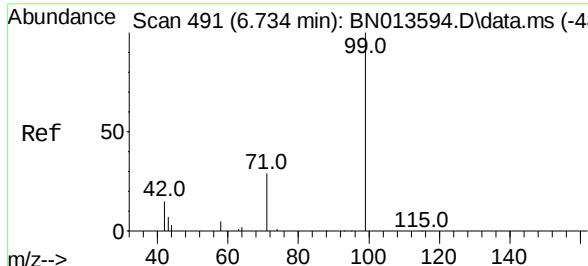
Tgt Ion:	152	Resp:	5685
Ion	Ratio	Lower	Upper
152	100		
150	155.1	121.8	182.8
115	59.8	46.6	69.8



2-Fluorophenol
 Concen: 0.16 ng
 RT: 5.179 min Scan# 298
 Delta R.T. -0.000 min
 Lab File: BN013667.D
 Acq: 18 Feb 2021 12:18

Tgt Ion:	112	Resp:	1929
Ion	Ratio	Lower	Upper
112	100		
64	54.6	44.3	66.5
63	26.7	23.0	34.6

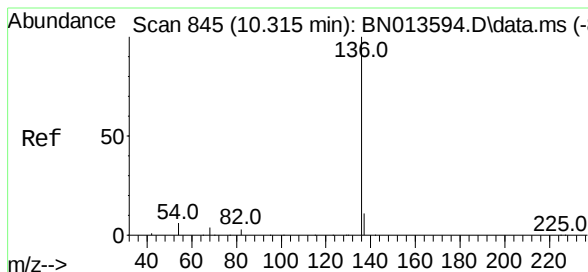
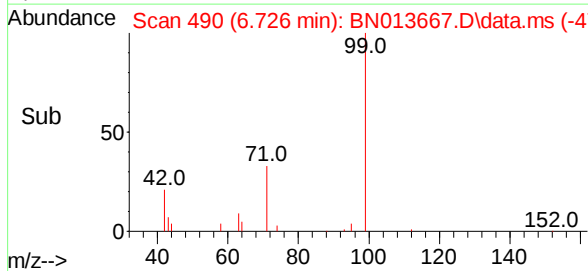
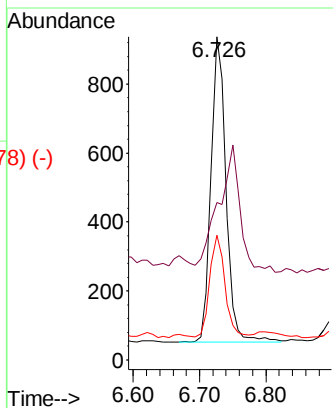
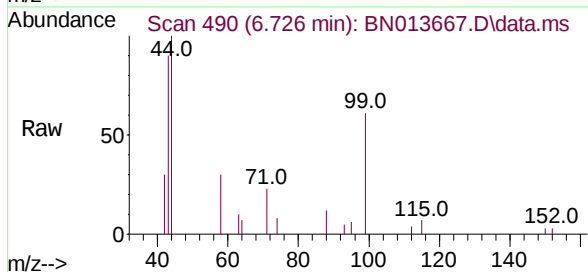




Phenol-d6
 Concen: 0.09 ng
 RT: 6.726 min Scan# 490
 Delta R.T. -0.000 min
 Lab File: BN013667.D
 Acq: 18 Feb 2021 12:18

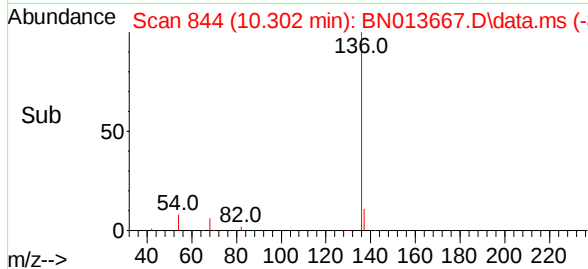
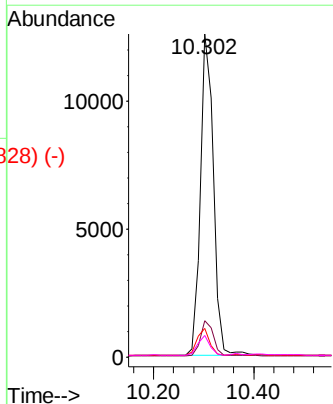
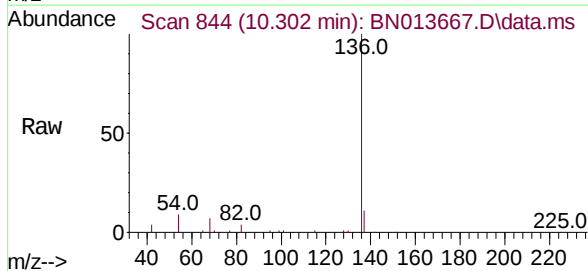
Instrument :
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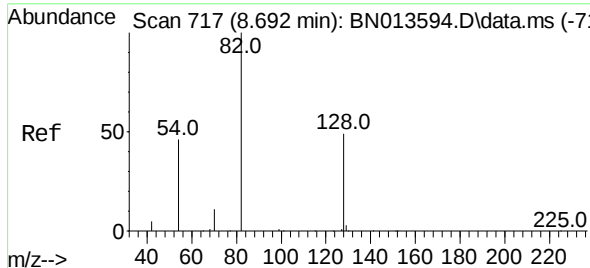
Tgt Ion:	99	Resp:	1403
Ion	Ratio	Lower	Upper
99	100		
42	0.0	15.2	22.8#
71	33.9	26.1	39.1



Naphthalene-d8
 Concen: 0.40 ng
 RT: 10.302 min Scan# 844
 Delta R.T. -0.000 min
 Lab File: BN013667.D
 Acq: 18 Feb 2021 12:18

Tgt Ion:	136	Resp:	22509
Ion	Ratio	Lower	Upper
136	100		
137	11.3	9.0	13.6
54	8.8	6.4	9.6
68	6.7	4.5	6.7

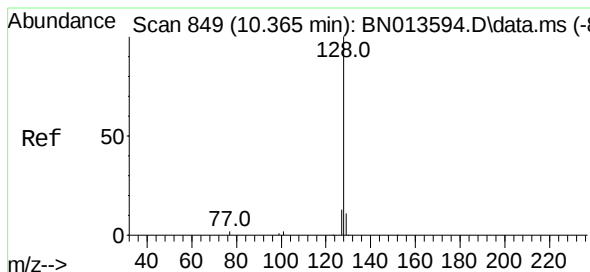
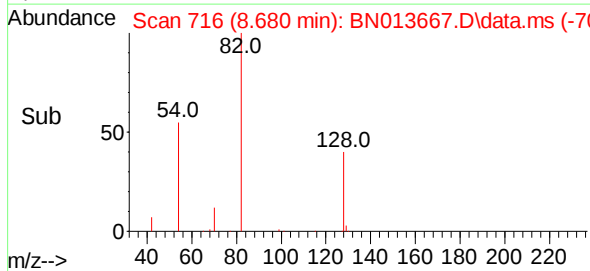
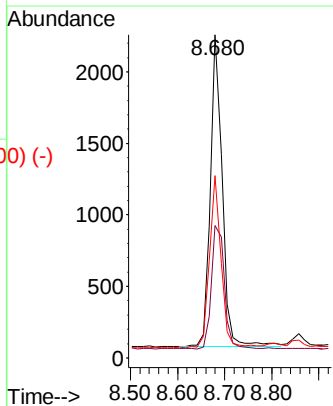
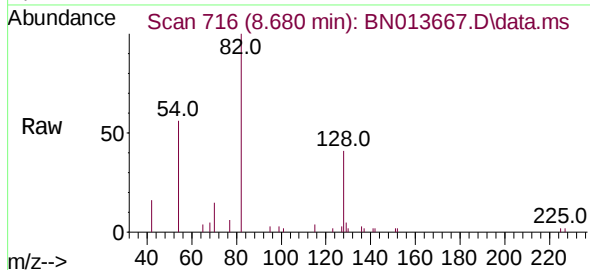




Nitrobenzene-d5
Concen: 0.30 ng
RT: 8.680 min Scan# 716
Delta R.T. -0.000 min
Lab File: BN013667.D
Acq: 18 Feb 2021 12:18

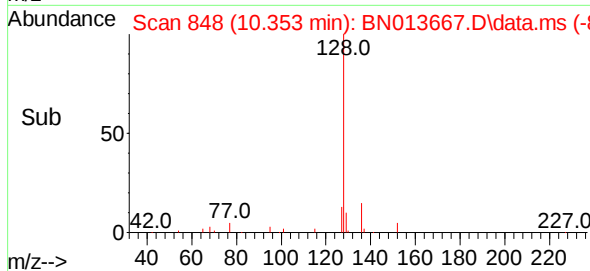
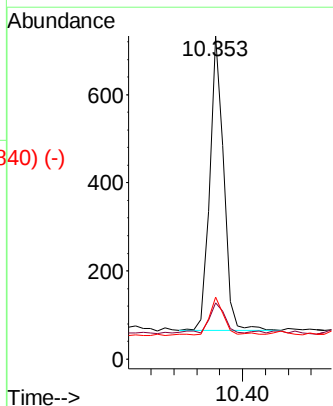
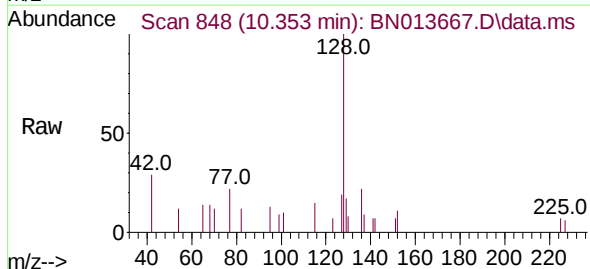
Instrument :
BNA_N
ClientSampleId :
GWBR2-120-128-021521

Tgt Ion:	82	Resp:	3804
Ion	Ratio	Lower	Upper
82	100		
128	40.9	39.2	58.8
54	56.4	40.1	60.1

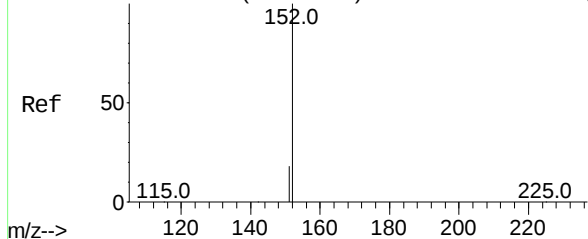


Naphthalene
Concen: 0.02 ng
RT: 10.353 min Scan# 848
Delta R.T. -0.000 min
Lab File: BN013667.D
Acq: 18 Feb 2021 12:18

Tgt Ion:	128	Resp:	1132
Ion	Ratio	Lower	Upper
128	100		
129	17.3	9.0	13.4#
127	19.1	10.4	15.6#



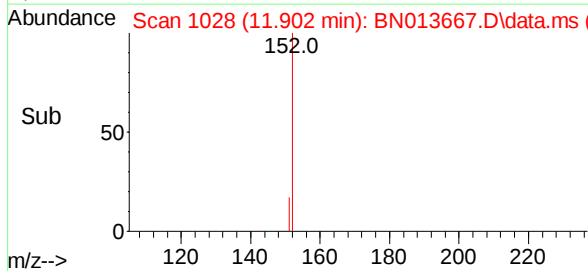
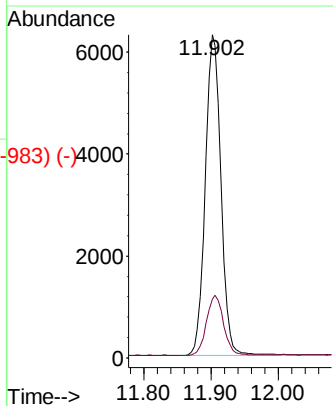
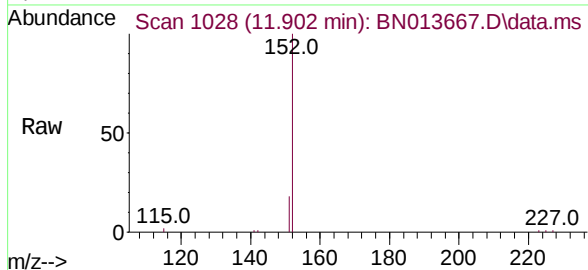
Abundance Scan 1030 (11.911 min): BN013594.D\data.ms (-1014) (-)



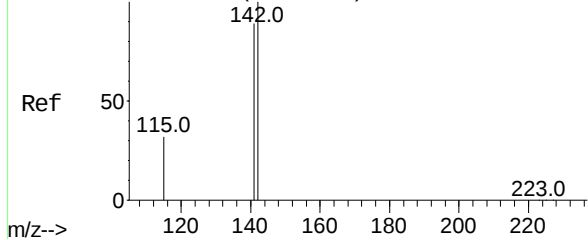
2-Methylnaphthalene-d10
Concen: 0.29 ng
RT: 11.902 min Scan# 1028
Delta R.T. -0.000 min
Lab File: BN013667.D
Acq: 18 Feb 2021 12:18

Instrument :
BNA_N
ClientSampleId :
GWBR2-120-128-021521

Tgt Ion:152 Resp: 10143
Ion Ratio Lower Upper
152 100
151 20.5 16.2 24.2

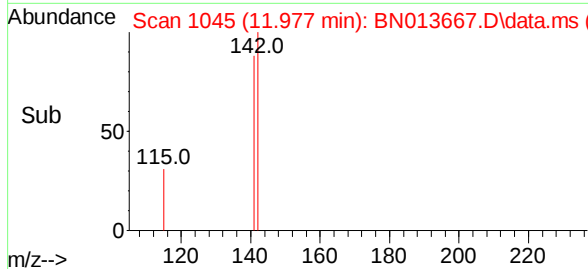
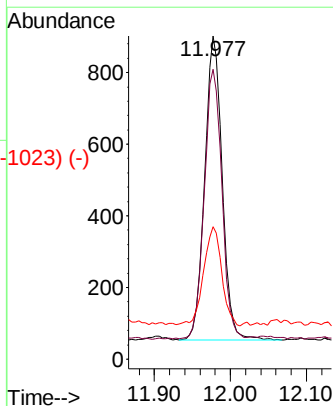
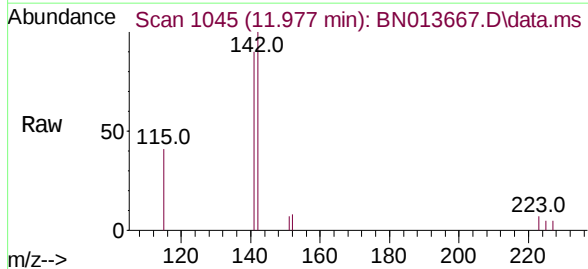


Abundance Scan 1046 (11.982 min): BN013594.D\data.ms (-1036) (-)



2-Methylnaphthalene
Concen: 0.04 ng
RT: 11.977 min Scan# 1045
Delta R.T. -0.000 min
Lab File: BN013667.D
Acq: 18 Feb 2021 12:18

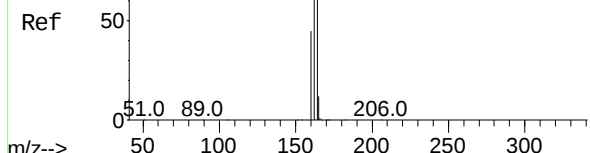
Tgt Ion:142 Resp: 1356
Ion Ratio Lower Upper
142 100
141 89.8 70.5 105.7
115 40.9 27.4 41.0



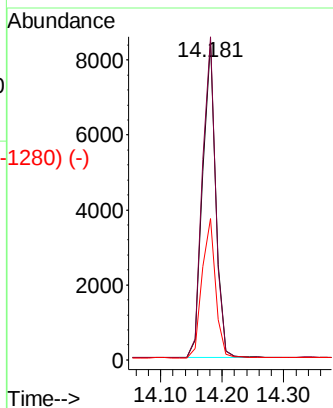
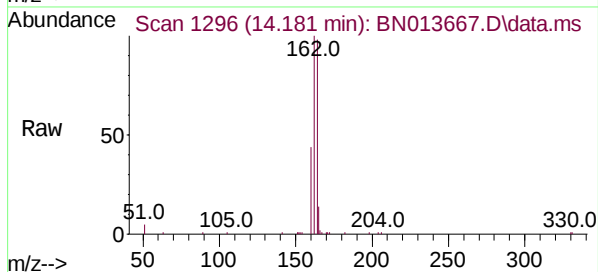
Abundance Scan 1296 (14.181 min): BN013594.D\data.ms (-1280) (-)

Acenaphthene-d10
Concen: 0.40 ng
RT: 14.181 min Scan# 1296
Delta R.T. -0.000 min
Lab File: BN013667.D
Acq: 18 Feb 2021 12:18

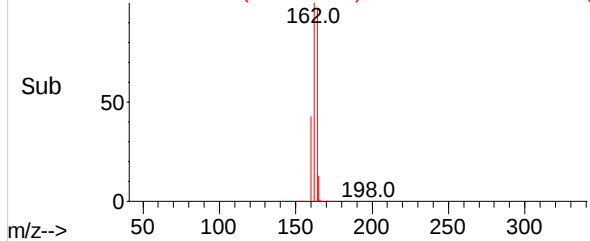
Instrument :
BNA_N
ClientSampleId :
GWBR2-120-128-021521



Tgt Ion	Ratio	Lower	Upper
164	100		
162	101.6	79.6	119.4
160	44.4	36.0	54.0



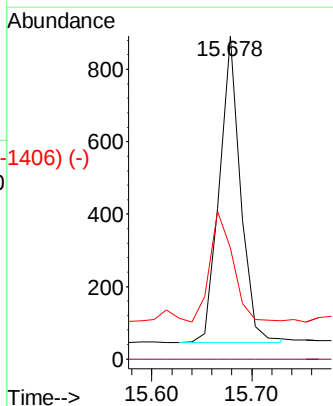
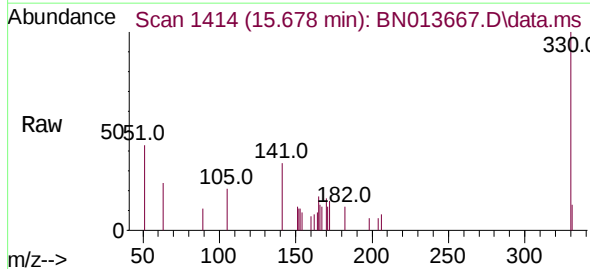
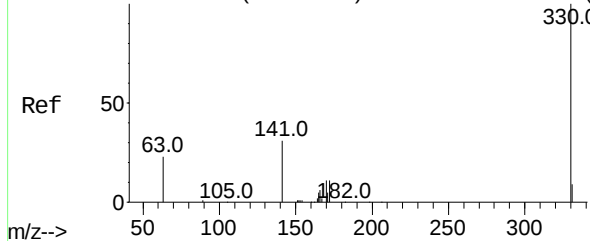
Abundance Scan 1296 (14.181 min): BN013667.D\data.ms (-1280) (-)



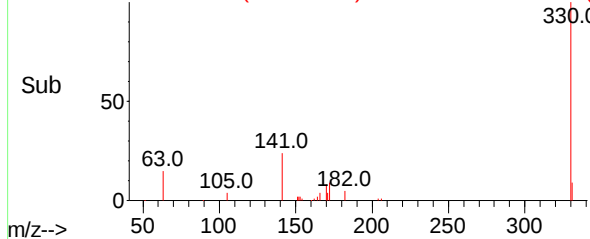
Abundance Scan 1414 (15.678 min): BN013594.D\data.ms (-1406) (-)

2,4,6-Tribromophenol
Concen: 0.35 ng
RT: 15.678 min Scan# 1414
Delta R.T. -0.000 min
Lab File: BN013667.D
Acq: 18 Feb 2021 12:18

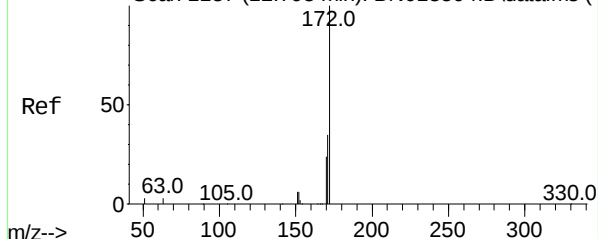
Tgt Ion	Ratio	Lower	Upper
330	100		
332	0.0	0.0	0.0
141	39.4	26.8	40.2



Abundance Scan 1414 (15.678 min): BN013667.D\data.ms (-1406) (-)



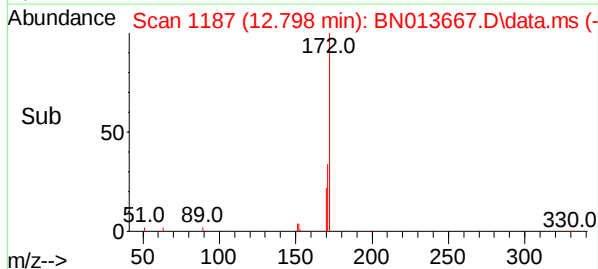
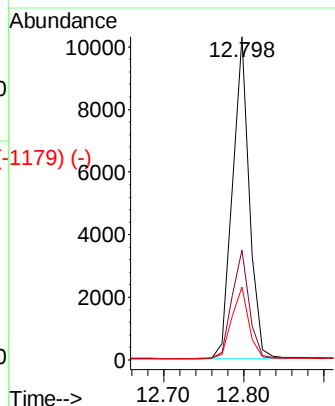
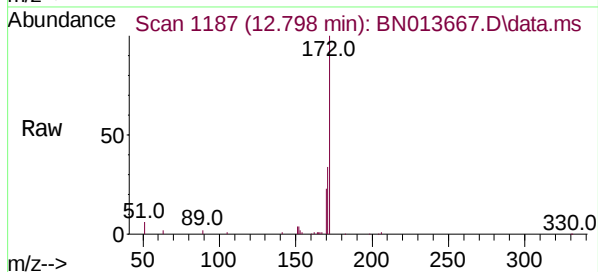
Abundance Scan 1187 (12.798 min): BN013594.D\data.ms (-1187) (-)



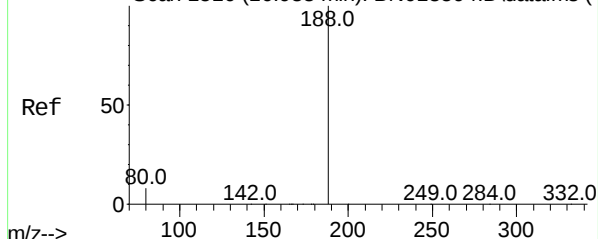
2-Fluorobiphenyl
Concen: 0.32 ng
RT: 12.798 min Scan# 1187
Delta R.T. -0.000 min
Lab File: BN013667.D
Acq: 18 Feb 2021 12:18

Instrument :
BNA_N
ClientSampleId :
GWBR2-120-128-021521

Tgt Ion:	172	Resp:	15132
Ion	Ratio	Lower	Upper
172	100		
171	34.0	28.6	42.8
170	22.6	18.9	28.3

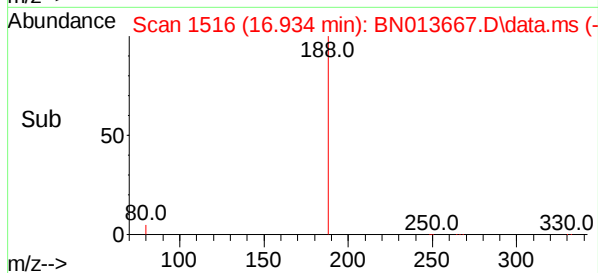
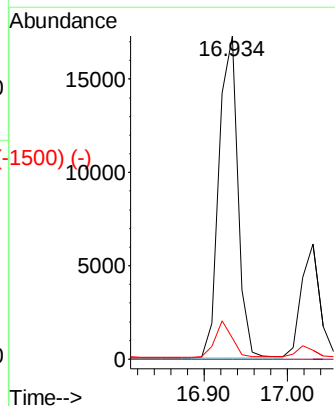
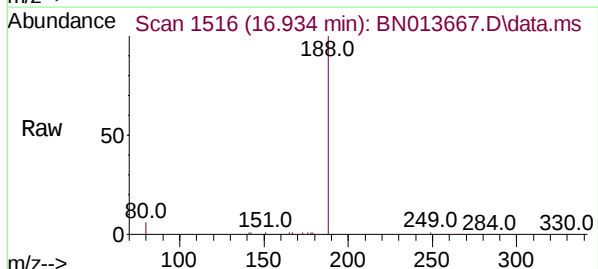


Abundance Scan 1516 (16.933 min): BN013594.D\data.ms (-1516) (-)

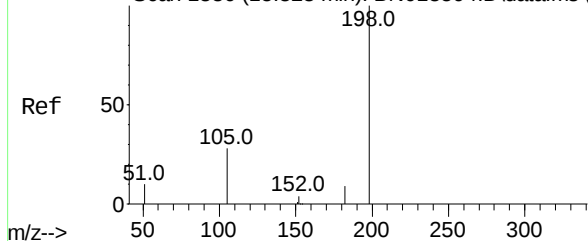


Phenanthrene-d10
Concen: 0.40 ng
RT: 16.934 min Scan# 1516
Delta R.T. 0.000 min
Lab File: BN013667.D
Acq: 18 Feb 2021 12:18

Tgt Ion:	188	Resp:	27439
Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	6.5	9.0	13.6#



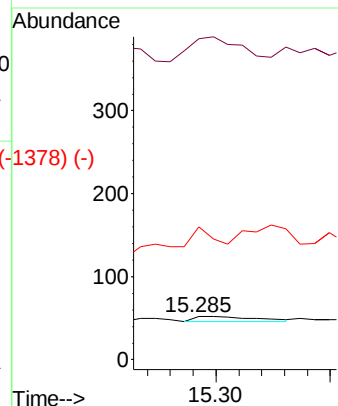
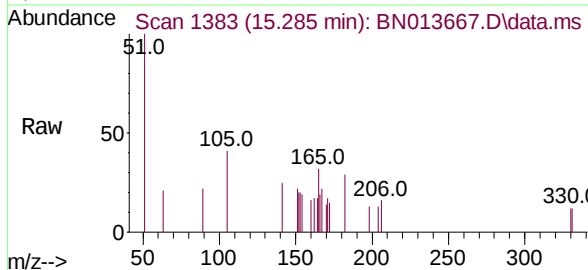
Abundance Scan 1386 (15.323 min): BN013594.D\data.ms (-1386) (-)



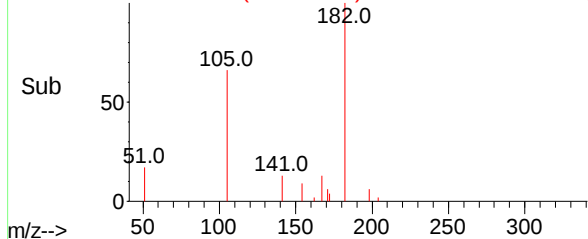
4,6-Dinitro-2-methylphenol
Concen: 0.16 ng
RT: 15.285 min Scan# 1383
Delta R.T. -0.038 min
Lab File: BN013667.D
Acq: 18 Feb 2021 12:18

Instrument :
BNA_N
ClientSampleId :
GWBR2-120-128-021521

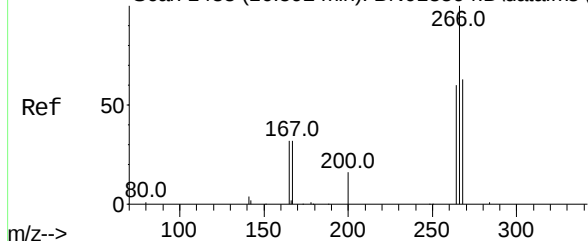
Tgt Ion:	198	Resp:	23
Ion Ratio	Lower	Upper	
198	100		
51	744.2	61.7	92.5#
105	307.7	33.0	49.6#



Abundance Scan 1383 (15.285 min): BN013667.D\data.ms (-1378) (-)

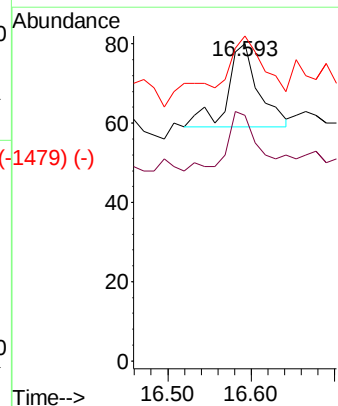
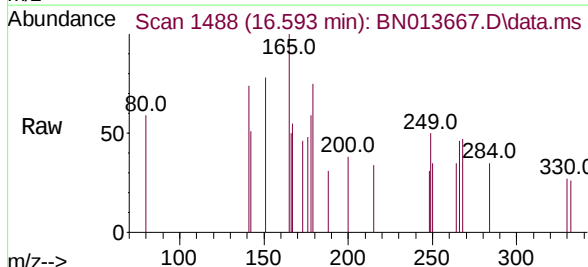


Abundance Scan 1488 (16.592 min): BN013594.D\data.ms (-1488) (-)

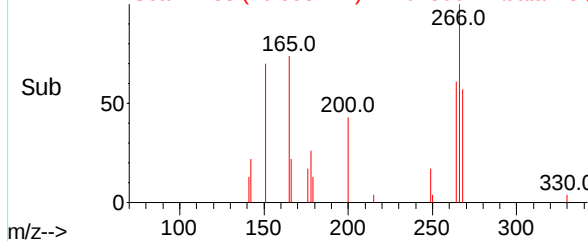


Pentachlorophenol
Concen: 0.21 ng
RT: 16.593 min Scan# 1488
Delta R.T. 0.012 min
Lab File: BN013667.D
Acq: 18 Feb 2021 12:18

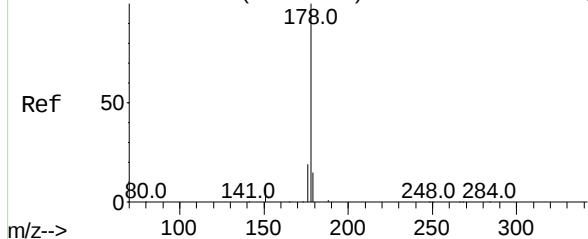
Tgt Ion:	266	Resp:	55
Ion Ratio	Lower	Upper	
266	100		
264	67.3	51.6	77.4
268	61.8	54.6	82.0



Abundance Scan 1488 (16.593 min): BN013667.D\data.ms (-1479) (-)



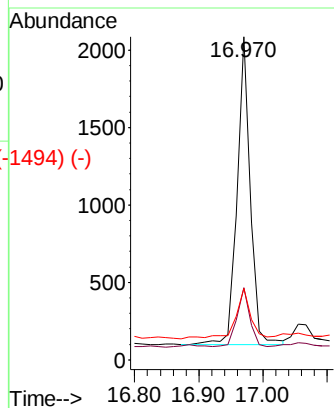
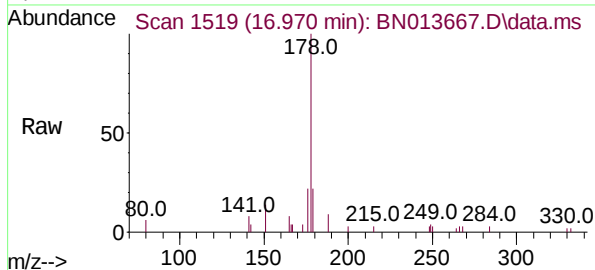
Abundance Scan 1519 (16.970 min): BN013594.D\data.ms (-1525) (-)



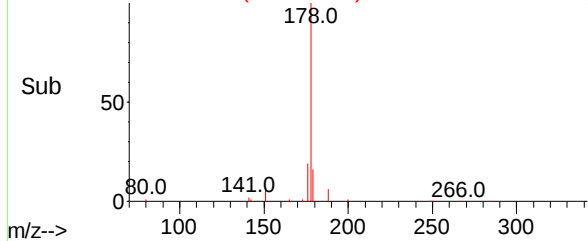
Phenanthrene
Concen: 0.04 ng
RT: 16.970 min Scan# 1519
Delta R.T. 0.000 min
Lab File: BN013667.D
Acq: 18 Feb 2021 12:18

Instrument :
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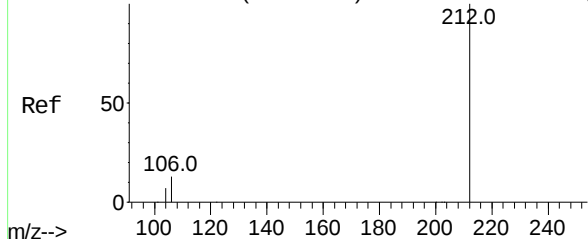
Tgt Ion:	178	Resp:	2849
Ion Ratio	Lower	Upper	
178	100		
176	18.8	15.0	22.4
179	18.8	12.3	18.5#



Abundance Scan 1519 (16.970 min): BN013667.D\data.ms (-1494) (-)

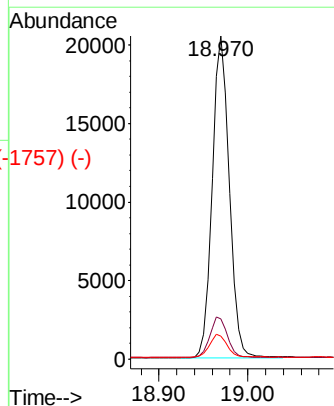
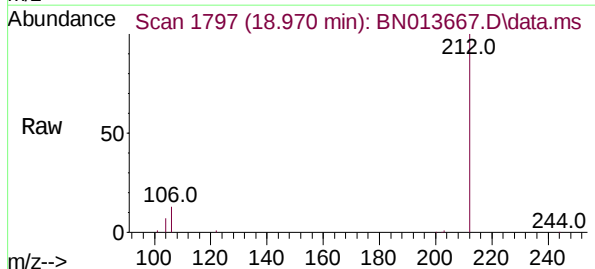


Abundance Scan 1799 (18.972 min): BN013594.D\data.ms (-1725) (-)

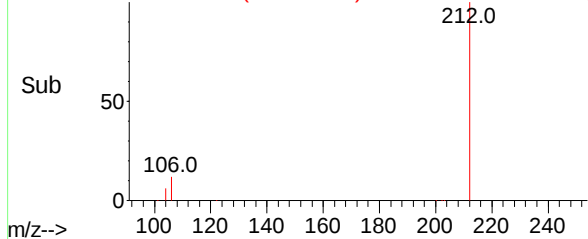


Fluoranthene-d10
Concen: 0.37 ng
RT: 18.970 min Scan# 1797
Delta R.T. -0.002 min
Lab File: BN013667.D
Acq: 18 Feb 2021 12:18

Tgt Ion:	212	Resp:	27593
Ion Ratio	Lower	Upper	
212	100		
106	13.0	9.7	14.5
104	7.1	5.5	8.3



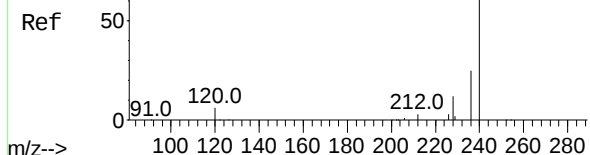
Abundance Scan 1797 (18.970 min): BN013667.D\data.ms (-1757) (-)



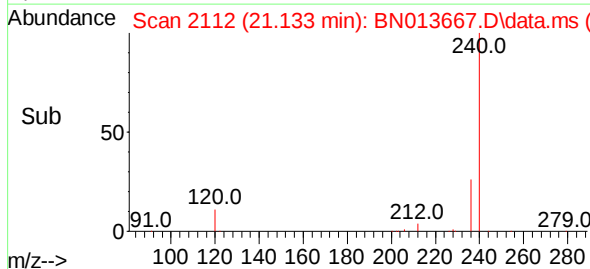
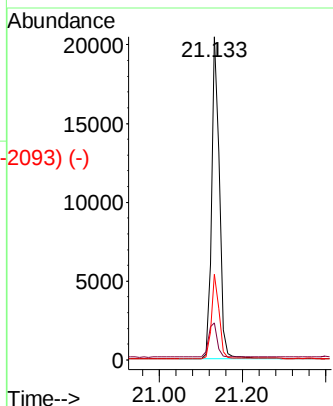
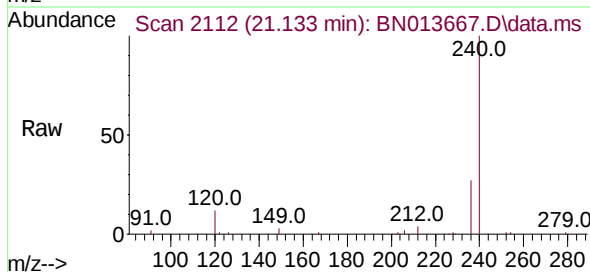
Abundance Scan 2114 (21.141 min): BN013594.D\data.ms (-2129) (-)

Chrysene-d12
Concen: 0.40 ng
RT: 21.133 min Scan# 2112
Delta R.T. 0.002 min
Lab File: BN013667.D
Acq: 18 Feb 2021 12:18

Instrument :
BNA_N
ClientSampleId :
GWBR2-120-128-021521

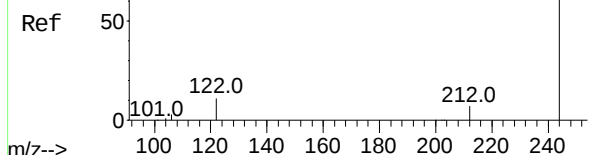


Tgt Ion	Ratio	Lower	Upper
240	100		
120	11.6	10.2	15.4
236	26.5	21.3	31.9

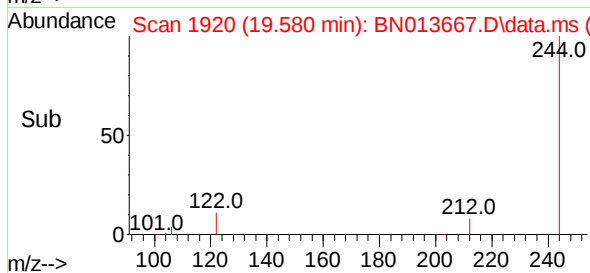
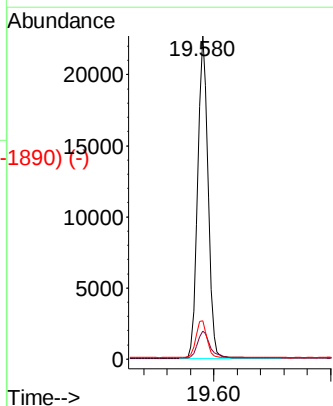
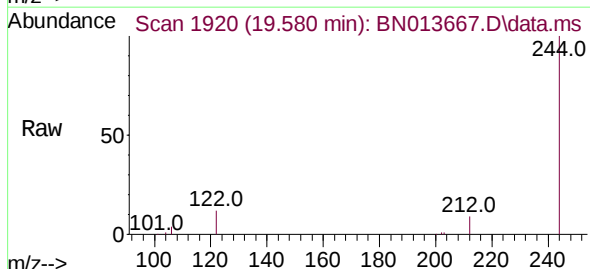


Abundance Scan 1923 (19.588 min): BN013594.D\data.ms (-1890) (-)

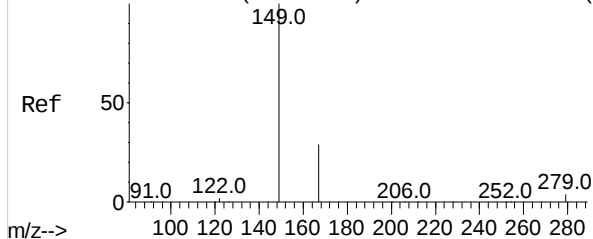
Terphenyl-d14
Concen: 0.45 ng
RT: 19.580 min Scan# 1920
Delta R.T. -0.002 min
Lab File: BN013667.D
Acq: 18 Feb 2021 12:18



Tgt Ion	Ratio	Lower	Upper
244	100		
212	8.8	6.1	9.1
122	11.9	9.8	14.8

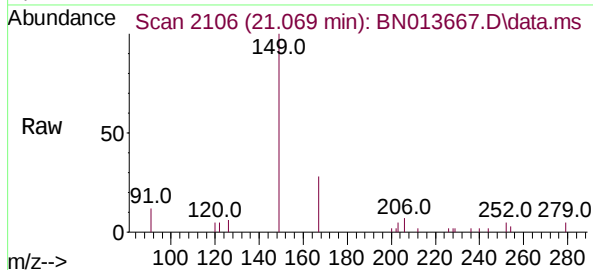


Abundance Scan 2108 (21.077 min): BN013594.D\data.ms (-2108) (-)

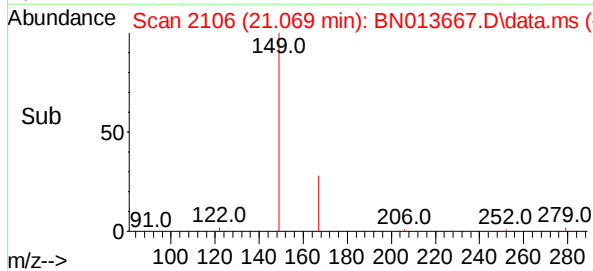
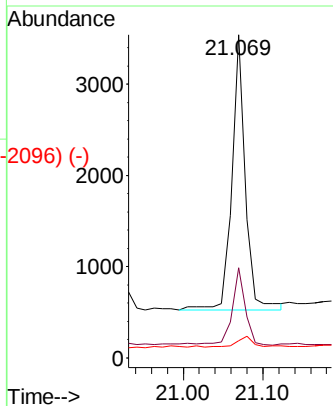


Bis(2-ethylhexyl)phthalate
Concen: 0.16 ng
RT: 21.069 min Scan# 2106
Delta R.T. 0.002 min
Lab File: BN013667.D
Acq: 18 Feb 2021 12:18

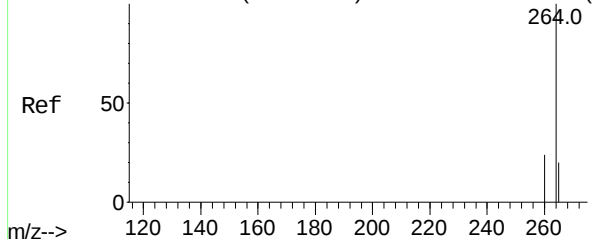
Instrument :
BNA_N
ClientSampleId :
GWBR2-120-128-021521



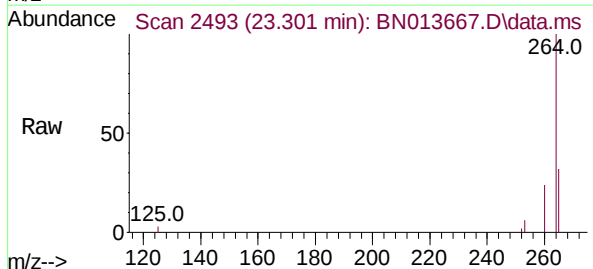
Tgt Ion:	149	Resp:	3531
Ion	Ratio	Lower	Upper
149	100		
167	27.8	22.1	33.1
279	5.0	3.5	5.3



Abundance Scan 2496 (23.305 min): BN013594.D\data.ms (-2496) (-)



Perylene-d12
Concen: 0.40 ng
RT: 23.301 min Scan# 2493
Delta R.T. -0.001 min
Lab File: BN013667.D
Acq: 18 Feb 2021 12:18



Tgt Ion:	264	Resp:	25020
Ion	Ratio	Lower	Upper
264	100		
260	23.8	19.3	28.9
265	31.7	66.2	99.4#

